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ABSTRACT

This annotated bibliography of population education teaching materials was prepared from documents available in the Population Education Clearninghouse collection of the UNESCO Regional Office for Education in Asia. Most of the materials were published in the 1970's, with the exception of a few which date from the 1960's. In addition to full bibliographic information, the following information is provided for each entry: level of education for which curriculum materials are intended; content of those materials; subjects of formal education into which the materials are to be integrated; whether a bibliography or list of teaching aids is furnished; the country to which the materials refer; and general remarks on the item. Citations are listed alphabetically by author under the following headings; 1) bibliographies; 2) self-teaching guides or textbooks; 3) documents dealing almost wholly with family life and sex education; 4) documents containing population education curriculum materials. Addresses of sources from which to obtain materials are also provided. (Author/RM)

ED 087674
SP 006 933

UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL

# Population and Family Education

# Teaching Materials

## A Bibliography (provisional)

INTRODUCTION . . . . . .
BIBLIOGRAPHIES . . . . . .
TEXTBOOKS. . . . . .
FAMILY PLANNING EDUCATION. . . . . .
POPULATION EDUCATION . . . . . .
NOTES REFERRING TO SOURCES . . . . . .

Population Education Clearing House Se
of the
Unesco Regional Office for Education i
Bangkok

May 1973

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NATIONAL INSTITUTE OF EDUCATION
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IONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION

# Population and Family Education

# Teaching Materials

## A Bibliography (provisional)

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Population Education Clearing House Service

of the

Unesco Regional Office for Education in Asia
Bangkok

May 1973

# INTRODUCTION

This provisional bibliography concerned with population education teachi
at present available in the Population Education Clearing House collection. As t
the bibliography is far from comprehensive and suggestions as to additions or rev

## Scope of Bibliography

Most documents listed contain curriculum materials on population educati
of teachers, but a few documents are included where the emphasis is almost entire
materials are not furnished but rather is methodology of their teaching discussed
and self-teaching guides are also cited.

## Definition of Subject

As defined at the Unesco Regional Seminar on Population and Family Life
"population education is an educational programme which provides for a study of t
family, community, nation and world with the purpose of developing in the student
and behaviour towards coping with that situation". To quote Stephen Viederman, "
the process by which the student investigates and explores the nature and meaning
causes of population change and the consequences of these processes, characteristi
family, for society and for the world".

However the substance and objectives of population education are describ
and attitudes to be imparted to the student are of two types: an appreciation of
and society of his own actions, and of the consequences for himself of the popula
in his community and nation. The individual learns that he can do something towa
His acts such as having children or moving from place to place have implications,
the family and for the society, which in turn affect the individual. On the deci
of a satisfying quality of life.

INTRODUCTION

oncerned with population education teaching materials is prepared from documents
ducation Clearing House collection. As this is in process of being built up,
ve and suggestions as to additions or revisions would be most welcome.

rriculum materials on population education in its broad sense, for the use
luded where the emphasis is almost entirely on family planning, where curriculum
methodology of their teaching discussed; and several bibliographies, textbooks

l Seminar on Population and Family Life Education held in Bangkok in 1970,
rogramme which provides for a study of the population situation in the
the purpose of developing in the students, rational and responsible attitudes
tuation". To quote Stephen Viederman, "population education is defined as
tes and explores the nature and meaning of population characteristics, the
quences of these processes, characteristics and changes for himself, his

ives of population education are described, it is clear that the knowledge
t are of two types: an appreciation of the consequences for his family
e consequences for himself of the population changes that are occurring
al learns that he can do something towards transforming his environment.
g from place to place have implications, both social and biological, for
turn affect the individual. On the decisions he makes rests the attainment

It will be noted that most population educators seek to introduce popu the existing curricula and also that many elements of population education are a of population education into general education may involve some additions and ch whole a smooth process which does not necessitate drastic or jarring revisions.

Arrangement of Citations

Citations are listed alphabetically by author under the following broa B. Self-teaching guides or textbooks; C. Documents dealing almost wholly with D. Documents containing population education curriculum materials.

Apart from the normal identification of the document by author, title, sources, where considered useful, are listed separately at the end of this bibli cover the following aspects: "level of education" for which curriculum material materials; subjects of formal education into which the materials are to be integ list of teaching aids is furnished; and the country to which the materials refer indicated in the "Remarks" column. As the materials are almost invariably in En where this is not the case.

t most population educators seek to introduce population education materials into
o that many elements of population education are already there. The integration
eneral education may involve some additions and changes of stress but is on the
oes not necessitate drastic or jarring revisions.

alphabetically by author under the following broad headings: A. Bibliographies;
xtbooks; C. Documents dealing almost wholly with family life and sex education;
ation education curriculum materials.

l identifi ation of the document by author, title, imprint, etc., addresses of
ul, are listed separately at the end of this bibliography. Vertical column headings
"level of education" for which curriculum materials are intended; "content" of those
education into which the materials are to be integrated; whether a bibliography or
shed; and the country to which the materials refer. Other noteworthy points are
mn. As the materials are almost invariably in English, language is only mentioned

| Author, title etc. | Level of education | Content | Subjects into which integrated | Bibliogr. | List o teachi aids |
|---|---|---|---|---|---|
| A. BIBLIOGRAPHIES | | | | | |
| Delaware, University of population Curriculum Study. A Sourcebook for population-environmental studies. Experimental edition. Newark, Population Curriculum Study, University of Delaware[1], 1972. 232 p. | All levels of school education | Demography, ecology | - | Yes | List o films |
| Film Library. The Family Planning Association of Hong Kong. Film catalogue and other audio-visual materials. Hong Kong, the Association[2], 1972. 36 p. | Not specified | Family Planning, population problems. | - | - | - |

| at | Subjects into which integrated | Bibliogr. | List of teaching aids | Country | Remarks |
|---|---|---|---|---|---|
| aphy, y | - | Yes | List of films | US/general | This comprehensive annotated listing ofbooks (classified by subject) periodicals, and films (with subject index) is intended for use of teachers and administrators in selecting curriculum materials. |
| ng, tion ms. | - | - | - | General | Bibliography is classified under two main headings: Population and Family Planning, and Family Life Education; and sub-divided by type of material (films, filmstrips, slides, charts, flannelgraphs, tapes). Films for Family Life Education are further sub-divided by those for children, teenagers and adults. |

| Author, title etc. | Level of education | Content | Subjects into which integrated | Bibliogr. | List of teaching aids |
|---|---|---|---|---|---|
| International Planned Parenthood Federation (IPPF). Films and teaching aids. London, IPPF3, 1970. 30 p. mimeo. | Mainly adult but films listed for school and higher education | - | - | - | - |
| Pepe, Thomas F. Environmental education. A bibliography pertaining to the environment, environmental education programs and materials. Conshohocken, Pa., Research and Information Services for Education4, 1971. 83 p. | Kinder-garten to 12th grade | Ecology, environ-mental education | - | Yes | Sources of teachin aids liste |
| B. TEXTBOOKS | | | | | |
| Adib, Ovias Ahmad. The Theories of population. Textbook of economics /n.p./, M.H. Said, /n.d./ p. 97-105 mimeo. | Grade XI | Population theories | Eco-nomics | - | - |

| ontent | Subjects into which integrated | Bibliogr. | List of teaching aids | Country | Remarks |
|---|---|---|---|---|---|
| - | - | - | - | England/ general | Although this bibliography refers primarily to Family Planning Education, films dealing with population and related social and economic problems are indluded. Prices and sources are listed. |
| ology, vironntal ucation | - | Yes | Sources of teaching aids listed | USA | This classified bibliography of environmental education curricula, curriculum & experiments also includes lists of films, kits, charts, sources of material, projects, organizations and agencies in USA concerned with environmental education. |
| pulation eories | Economics | - | - | Pakistan/ general. | |

| Author, title, etc. | Level of education | Content | Subjects into which integrated | Bibliogr. | List of teaching aids |
|---|---|---|---|---|---|
| Barclay, George W. Techniques of population analysis. New York, John Wiley /c1968/, xiii, 311 p. tables, graphs, diagrs. | Not specified | Nature of demography, interpretation of census and other vital statistics; measurement of fertility, growth of population migration and distribution of population, manpower and working activities | - | - | - |
| The Chinese Center for International Training in Family Planning. Paste your umbrella before the rain (planning today for tomorrow). Taiwan, the Center5, 1971. 59 p. illus. | High School (last year) | Education and employment, marriage age, responsible parenthood, population growth and food supply, problems of over-crowding, family planning. | Home Economics Citizenship | - | - |

| t | Subjects into which integrated | Bibliogr. | List of teaching aids | Country | Remarks |
|---|---|---|---|---|---|
| of aphy, reta- f census her vi- atistics; ement of ity, growth ulation ion and bution of tion, man- and working ties | - | - | - | General | This book is intended as a self-teaching guide for persons without previous experience in analysing census or vital registration statistics. No previous knowledge of specialized mathematics is presupposed and the use of special terms is strictly limitod. |
| ion and ment, ge age, sible hood, tion and upply, ns of rowding, planning. | Home Economics Citizenship | - | - | Republic of China | This simple text was originally prepared in Mandarin, pre-tested and revised, and distributed to a number of schools in the Republic of China. A joint effort of the Department of Health and the Department of Education, it could serve as a model for similar projects in other countries. |

| Author, title, etc. | Level of education | Content | Subjects into which integrated | Bibliogr. | List of teaching aids |
|---|---|---|---|---|---|
| Ehrlich, Paul and Anne H. Ehrlich. Population, resources, environment. Issues in human ecology. San Francisco, W.H. Freeman, 1970. 383 p., tables, diagrs., graphs, illus. | All levels of formal education and out-of-school education | Environmental science and related social and scientific issues | - | Yes | - |
| Palmore, James A. Measuring mortality: a self-teaching guide to elementary measures. Working paper No. 15 (May 1971) of the East-West Population Institute. Honolulu, East-West Center[6], 1971. 71 p., tables, graphs. | Not specified | Elementary principles of demographic measurement | Not specified | Yes | - |
| Palmore, James A. Measuring fertility and natural increase: a self-teaching guide to elementary measures. Working paper No. 16 (May 1971) of the East-West Population Institute. Honolulu, East-West Center[6], 1971. 77 p., tables, graphs. | Not specified | Elementary principles of demographic measurement | Not specified | Yes | - |

| | Subjects into which integrated | Bibliogr. | List of teaching aids | Country | Remarks |
|---|---|---|---|---|---|
| ental and ocial tific | - | Yes | - | General | A source book for all concerned citizens and textbook for courses in human ecology |
| y s of ic nt | Not specified | Yes | - | General | Contains definitions, exercises and questions |
| y s of ic nt | Not specified | Yes | - | General | Contains definitions, exercises and questions |

| Author, title, etc. | Level of education | Content | Subjects into which integrated | Bibliogr. | List o teachi aids |
|---|---|---|---|---|---|
| Solomon, Maurice E. Popula tion dynamics. London, Edward Arnold Ltd., 1970. 60 p. graphs, diagrs. illus. | Secondary, 1st year university | Population dynamics as a branch of biology | - | Yes | - |
| C. FAMILY PLANNING EDUCATION | | | | | |
| Berg, Kerstin et al. Sex and personal relationships. Outlines for lessons and commentaries to the trans-parencies transl. by Klas Eriksson. Stockholm, Svenska Utbildningsforlaget Liber AB, 1972. 19 p. | Upper secondary | Anatomy of sex, child birth, family planning, health, legal aspects | - | - | - |

| Subjects into which integrated | Bibliogr. | List of teaching aids | Country | Remarks |
|---|---|---|---|---|
| - | Yes | - | UK/General | In order to keep up to date, the Institute of Biology, London, sponsored a series of booklets on various branches of biology. This short textbook deals concisely and clearly with a branch of biology which is important, inter alia, for the understanding and control of changes in human populations. A short list of exercises is appended. |
| sex, - | - | - | Sweden | 8 lessons of 40 minutes to be illustrated by slides. |

| Author, title, etc. | Level of education | Content | Subjects into which integrated | Bibliogr. | List of teaching aids |
|---|---|---|---|---|---|
| Manley, Helen. Family life and sex education in the elementary school. Washington DC,. Dept. of Elementary-Kindergarten-Nursery Education, National Education Association of the U.S.7, (c) 1968. 26p. illus. | Elementary school | Family life and sex education | - | Yes | - |
| Murwani, M.M.S. A Descriptive study of the programmes of sex education and education for social adjustment of the sexes in the U.P. elementary school and in the U.P. high school ... submitted to The Asian Institute for Teacher Educators ... Sixth Institute for Key Teacher Educators 13 August to 25 November 1970. Quezon City, the Institute8, 1970. 67 p. appendix, tables, typescript. | Primary and Secondary school | Development and reproduction of plants, animals and humans; baby and child care, science and health, self-improvement; family life and problems, ecology, social changes, population problems, etc. | Reading Health Education, Home Economics, Biology, Social Studies, Geography, History, Economics, Science. | Yes | Types indicate |

| t | Subjects into which integrated | Bibliogr. | List of teaching aids | Country | Remarks |
|---|---|---|---|---|---|
| nd<br>ion | - | Yes | - | USA | Programmes outlined for different stages of elementary school (Kindergarten - 3rd grades, etc.) |
| pment<br>pro-<br>n of<br>,<br>s and<br>; baby<br>ild<br>e and<br>,<br>mprove-<br>family<br>nd pro-<br>ecology,<br>changes,<br>tion<br>ms, etc. | Reading<br>Health Education,<br>Home Economics,<br>Biology,<br>Social Studies,<br>Geography,<br>History,<br>Economics,<br>Science. | Yes | Types indicated | Philip pines/ general | This study is based on a questionnaire distributed to the University of the Philippines Elementary School teachers and to the biology, health education, home economics, family life education and social studies teachers, the principal and the guidance counsellor of the University of the Philippines High School. Questions cover qualifications of teachers, curricular programme (also including time allotment, methodology, assessment of students, suggestions for improvement). Data are analysed, a summary and conclusions set out and recommendations for Indonesia formulated. The questionnaire used is appended. |

| Author, title etc. | Level of education | Content | Subjects into which integrated | Bibliogr. | List o teachi aids |
|---|---|---|---|---|---|
| Oteyza, Merla Natividad and Milagros Arellano Perez. Guide to the teaching of family living and sex education in grade six fourth year high school and college. A paper submitted... /to the/ Second Seminar in Population Education, East-West Center, 27 July 1971. 26 p. appendices. | 6th grade, 4th year high school and university | Co-operation in the family physical and mental development and health, reproduction, baby care, responsible parenthood, causes and problems of population growth, family planning, etc. | Not specified but desirability of integration where appropriate indicated | Yes | - |
| The Population Education Center (PEC), Manila. Guide to the teaching of family living and sex education in fourth year high school. Manila. PEC, 1972. 182 p. | 4th year high school | Family life, health, reproduction, population problems, etc. | Social Studies, Character Education, or where appropriate | Yes | Materi such a pictur and ch are indica |

| | Subjects into which integrated | Bibliogr. | List of teaching aids | Country | Remarks |
|---|---|---|---|---|---|
| tion<br>mily<br>and<br>velop-<br>health,<br>tion,<br>,<br>le<br>d,<br>d<br>of<br>n<br><br>anning, | Not specified but desirability of integration where appropriate indicated | Yes | - | Philip-pines/ general | |
| fe,<br>ion,<br>n<br>etc. | Social Studies, Character Education, or where appropriate | Yes | Materials such as pictures and charts are indicated | Philip-pines | This revised guide is the result of 2 intensive seminar-workshops and field experiments conducted in 6 pilot schools in the Philippines during 1971-72. Further revision is to be made on the basis of testing by trainees in more schools in the country. Recommendations are formulated for teaching strategy and 24 graded lesson plans for a one-year course provide material, illustrative stories, poems, songs, suggestions for discussions and assignments. |

| Author, title etc. | Level of education | Content | Subjects into which integrated | Bibliogr. | List of teaching aids |
|---|---|---|---|---|---|
| The Population Education Center (PEC), Manila. Guide to the teaching of family living and sex education in grade 6. A USAID, NEC, POPCOM, Dept. of Education, Philippine Women's University Project. Manila, PEC, 1972. 109 p. | Grade 6 (elementary school) | Family, physical development, reproduction, baby care, population growth and economic and social welfare. | Social Studies, Character Education, or where appropriate | Yes | Material such as pictures and cha are ind |
| Schulz, Esther D. and Sally R. Williams. Family life and sex education: curriculum and instruction. N.Y., Harcourt, Brace & World Inc., (c) 1969. 281 p. | Elementary and secondary (Kindergarten - 12th grade) | Family life and sex education | - | Yes | Yes |

| Subjects into which integrated | Bibliogr. | List of teaching aids | Country | Remarks |
|---|---|---|---|---|
| Social Studies, Character Education, or where appropriate | Yes | Materials such as pictures and charts are indicated | Philippines | This revised guide is the result of 2 intensive seminar-workshops and field experiments conducted in six pilot schools in school year 1970-71. Further revision is to be made on the basis of testing by trainees in more schools in the country. Recommendations for teacher strategy are formulated and 27 graded lesson plans for a one-year course provide material, illustrative stories, suggestions for discussion and assignments. |
| - | Yes | Yes | USA | Suggested content given by grades. List of names and addresses of film distributors provided. |

| Author, title etc. | Level of education | Content | Subjects into which integrated | Bibliogr. | List of teaching aids |
|---|---|---|---|---|---|
| **D. POPULATION EDUCATION** | | | | | |
| Amatya, Bhairab Prasad. Introducing population education through a curriculum unit in science for the primary teachers in Nepal ... submitted to the Asian Institute for Teacher Educators, University of the Philippines, Seventh Institute for Key Teacher Educators, 4 March - 27 May 1971. Nepal, 1971. 32 p. typescript. | Primary school | Physiology, human growth and development, environmental factors, food resources. | Science | Yes | - |
| The American Universities Field Staff. Teacher's guide to fieldstaff perspectives. The impact of population problems on society. Hanover, New Hampshire, The American University Field Staff, Inc.[10], 1971. 13 p. | Primary and secondary school | Population situations and problems in different countries | - | Yes | - |

| Subjects into which integrated | Bibliogr. | List of teaching aids | Country | Remarks |
|---|---|---|---|---|
| Science | Yes | - | Nepal | The ecological approach to the introduction of population education into the science curriculum is recommended to teachers. Suggested units of science, objectives for their introduction, concepts to be developed and activities to be carried out are listed. |
| - | Yes | - | General | Fieldstaff perspectives of 10 countries constituting a complete analysis of a topic, with relevant background details and followed by a list of topics for discussion are set out and suggestions furnished for their use. |

| Author, title, etc. | Level of education | Content | Subjects into which integrated | Bibliogr. | List o teachi aids |
|---|---|---|---|---|---|
| Anderson, Randall C. Introducing the world population crises to secondary social studies classes: an inquiry-oriented instructional strategy. Social Education p. 27-35, Jan. 1970. Photocopy. | Secondary school | Demography, population growth and food production | Social Studies | - | - |
| Asian Institute for Teacher Educators. Report of the Population Education Instructional Materials Development Project for Teacher Educators. Draft. Quezon City, the Institute, 1972. Var. pag., tables, diagr. mimeo. | Teacher training | Population dynamics, selected quality of life issues, national population policies and programmes in Asia | - | Yes | Yes |

| Subjects into which integrated | Bibliogr. | List of teaching aids | Country | Remarks |
|---|---|---|---|---|
| Social Studies | - | - | General | Elements for class-room discussion of global population crises. |
| - | Yes | Yes | Asia/ general | The Asian Institute, sponsored by Unesco, exposed to the Project 24 key educators from 14 Asian countries (6 July - 3 Oct. 1972). Units on basic concepts of population education introduced in the programme and which serve as curriculum guides are set out in the report. |

| Author, title, etc. | Level of education | Content | Subjects into which integrated | Bibliogr. | List of teachin aids |
|---|---|---|---|---|---|
| Banaag, J.F. Activities for a research course in population biology. Glugor, Penang, SEAMEO-RECSAM, 1972. 22 p. | Higher secondary | Population biology | Science, Maths. | - | Material for labo tory and field ex periment listed |
| Banaag, J.F. A Team report of activities in the research course in population biology presented to the SEAMEO Regional Centre for Education in Science and Mathematics. Glugor, Penang, SEAMEO-RECSAM, 1972. 55 p. tables, charts, diagrs. | Higher secondary | Population biology | Science, Maths. | Yes | - do - |
| Cefalu, Robert and others. Introducing basic demography through learning activities. Salt Lake City, 1971. 20 p. typescript. | Secondary | Demography, ecology, fertility, family planning, population growth and food production. | - | - | List of films on demograp ecology, family planning |

| Subjects into which integrated | Bibliogr. | List of teaching aids | Country | Remarks |
|---|---|---|---|---|
| Science, Maths. | - | Materials for laboratory and field experiments listed | South East Asian countries/ general | This guide for participants in a research course, during which field and laboratory activities were carried out and discussions held, could be used as a preliminary manual of population biology. |
| Science, Maths. | Yes | - do - | - do - | |
| - | - | List of films on demography, ecology, family planning | US/ general | |

| Author, title, etc. | Level of education | Content | Subjects into which integrated | Bibliogr. | List of teaching aids |
|---|---|---|---|---|---|
| Central Education Research Institute, Seoul, Korea. Curriculum improvements for population education in the elementary and secondary schools of the Republic of Korea. The second stage final report by Hyun Ki Paik and others. Seoul, the Institute, 1972. 238 p. tables, graphs, diagrs. | Elementary, middle and high school | Population data for Korea, changes in structure, impact of rapid growth on national life in Korea (resources, per capita income, etc.) environment, ecology, comparison with other countries, etc. | Social Studies, Civics | Yes | Yes |
| Central Education Research Institute, Seoul, Korea. Governmental efforts to improve life in Korea during the demographic transition. A unit for the ninth grade - civics. Modified prototype. Seoul, the Institute, 1971. 130 p. tables, graphs, 3. illus. mimeo. | 9th grade | Demographic history and development, particularly of Korea | Civics | Yes | Yes |

| Subjects into which integrated | Bibliogr. | List of teaching aids | Country | Remarks |
|---|---|---|---|---|
| Social Studies, Civics | Yes | Yes | Korea | This is the second year final report of title project launched in 1970. It covers, inter alia, the importance, objectives, contents, scope, period, procedures and methods of study, respective prototype units for one subject matter area of one grade in elementary, middle and high school levels and recommendations and follow-up studies for further development of teacher-learning methods of population education in the formal school system. Evaluation form on field test, questionnaire form and list of participants in the project are appended. |
| Civics | Yes | Yes | Korea | |

| Author, title, etc. | Level of education | Content | Subjects into which integrated | Bibliogr. | List of teaching aids |
|---|---|---|---|---|---|
| Central Education Research Institute, Seoul, Korea. People in our changing Korea. A unit for fifth grade social studies. Modified prototype. Seoul, the Institute, 1972. 51 p. mimeo. | 5th grade | Demographic development, particularly of Korea | Social Studies | Yes | Yes |
| Central Education Research Institute, Seoul, Korea. A Rationale for population education. Modified copy 15 Feb. 1972. For consideration and discussion. Seoul, the Institute, 1972. 16p. mimeo. | - | The family as a social and economic unit, distribution of population, population growth and economic development, ecology | - | - | - |
| Danish Family Planning Association (Foreningen for Familieplanlaegning). Population and family planning education. Report of a Seminar at Holte, Denmark, 3-28 July 1972. Hellerup, Foreningen for Familieplanlaegning, 1972. 144 p. diagr. illus. | Grades IV-VI | Family planning and religion, population growth, environment, population growth and economic and social development, population growth and nutrition, family size and welfare | Religion, Language, Social Studies, Home Economics, Science, Maths., Hygiene, Physical education, hygiene. civics. | - | Yes |

| Subjects into which integrated | Bibliogr. | List of teaching aids | Country | Remarks |
|---|---|---|---|---|
| Social Studies | Yes | Yes | Korea/ general | |
| - | - | - | Korea/ general | Contains suggested approaches to formal and non-formal development of population education. A "conceptual framework" for curriculum content is given on p. 8-16. |
| Religion, Language, Social Studies, Home Economics, Science, Maths., Hygiene, Physical education, ene, cs. | - | Yes | Egypt, Indonesia, Korea, Malaysia, Philippines. | The report contains selected examples of national curricula and teaching materials developed at the seminar by delegates from countries listed in previous column, such as suggested changes in curriculum to incorporate population education, topics to be integrated and into which subjects, sample lesson plans and teacher's guides. |

| Author, title, etc. | Level of education | Content | Subjects into which integrated | Bibliogr. | List of teaching aids | C |
|---|---|---|---|---|---|---|
| Davis, Russell G. Curriculum development in population education. A note on missing components. Prepared for the Seminar on Issues in Population Education, Cambridge, Mass., Center for Studies in Education and Development, Harvard Graduate School of Education, May 1972. [n.p., n.d.] 34 p. (obtainable from East-West Communication Institute[6]). | Primary and secondary | Status, dynamics and growth of local, national and world population, physical, economic, social and political context of populations, population/resource relationships, practical solution of population/resource problems | - | - | - | C |
| Delaware, University of, Population Curriculum Study. A Conceptual scheme for population-environment studies. Experimental edition. Newark, University of Delaware, 1972. 86 p. mimeo. | Grades K - 12th | Man and his environment | Chemistry or other suitable course | - | - | Ge |

| Subjects into which integrated | Bibliogr. | List of teaching aids | Country | Remarks |
|---|---|---|---|---|
| - | - | - | General | This paper deals with objectives of population education, methodology to be used and areas to be selected or stressed in gaining these objectives. Major emphasis is laid on structuring demographic and economic content of population education so as to attain transfer of learning through problem solving and discovery learning. Information is arranged for convenience under four headings, which are interwoven and linked by a common concept, "control of environment" by the individual's actions. These headings are: information transmission and transfer of learning; discovery learning and problem solving; moral learning; activity and experimental reinforcement. |
| Chemistry or other suitable course | - | - | General | Conceptual scheme presented in general outline form and in expanded form at three school levels. |

| Author, title, etc. | Level of education | Content | Subjects into which integrated | Bibliogr. | List of teaching aids |
|---|---|---|---|---|---|
| Delaware, University of, Population Curriculum Study. Inventory of experimental lesson plans and background material for population-environment studies. Newark, Population Curriculum Study, 1972. 15 p. mimeo. | Primary and secondary | Ecology, demography, population growth and food supply, population growth and economic and social development, etc. | English, Social Studies, Science, Biology, Maths., Geography, Economics. | - | - |
| Faneuff, C.T. Action research: development of a pilot model for teaching population dynamics information in the government schools of Mysore State, India. Chapel Hill, Carolina Population Center, University of North Carolina, (c)1971. 229 p. tables. (Population Program and Policy Design Series No.2) | Secondary | Birth rate, mortality rate and population, health and population, food production and population, family size and population, standard of living and population | - | Yes | Yes |

| Subjects into which integrated | Bibliogr. | List of teaching aids | Country | Remarks |
|---|---|---|---|---|
| English, Social Studies, Science, Biology, Maths., Geography, Economics. | - | - | US/ General | This listing of lesson titles refers to concepts described in the previous document: A Conceptual scheme for population-environment studies. A list of lesson plan contributors and a lesson evaluation form are appended. |
| - | Yes | Yes | India | This study supplies data for decision-makers regarding the teaching of population dynamics information and shows that children in the specific pilot area can learn an appreciable amount concerning their life situation and its relation to the global population surrounding them. The model is recommended for India, but requires further investigation before being recommended for other developing countries. |

| Author, title, etc. | Level of education | Content | Subjects into which integrated | Bibliogr. | List of teaching aids |
|---|---|---|---|---|---|
| Foroe, Elizabeth S. Teaching family life education. The Toms River program. New York, Teachers College Press[12], (c)1962. 38 p. | Secondary Grades 11 and 12 | The family: structure, functions, relations to the community | Special social behaviour and family relationships classes | - | - |
| Heit, Michael J. and Stephen L. Smith. Why and when people want to move: a classroom exercise in analyzing migration. Teaching notes on population 1: 14-18, Spring/summer 1972. | - | Analysis of reasons for migration | - | Yes | - |
| Hertzberg, Hazel W. Teaching population dynamics. An instructional unit for secondary school students. New York, Columbia University Teachers College[12], Population Instructional Materials Project, (c)1965. 91 p. tables, diagrs. | Secondary schools and teacher training colleges | Demography: population growth, fertility, etc. | Social Studies | - | - |

| Subjects into which integrated | Bibliogr. | List of teaching aids | Country | Remarks |
|---|---|---|---|---|
| ecial social haviour and ily relation- ips classes | - | - | USA/ general | This description of a pilot school programme furnishes useful information on content, teaching strategy, public relations. |
| - | Yes | - | USA/ general | Statistical techniques for analysing data are outlined. |
| ial dies | - | - | India | |

| Author, title, etc. | Level of education | Content | Subjects into which integrated | Bibliogr. | List of teaching aids |
|---|---|---|---|---|---|
| India. Department of Family Planning, New Delhi. Population education guidebook for secondary school teachers. New Delhi, Central Health Education Bureau, /1971?/ 128 p. tables, maps, graphs, diagrs. | Secondary | Reproduction in plants and animals, family life, quality of life, nutrition, heredity, environmental factors, population growth and economic and social development. | Economics, Biology, Home Science, Social Studies, General science, geography, civics. | - | - |
| India. Family Planning Training and Research Centre (Government of India). Manual of family life education and population education in schools. Bombay, the Centre[13], 1972. 142 p. illus. mimeo. | Primary and secondary | Reproduction in plants, animals and human beings; physical development; social implications of sexual behaviour; dynamics of population; family life in relation to population pressures. | Where appropriate, Geography. | Yes | Yes |

| Subjects into which integrated | Bibliogr. | List of teaching aids | Country | Remarks |
|---|---|---|---|---|
| Economics, Biology, Home Science, Social Studies, General science, geography, civics. | - | - | India | A preliminary document for the use of teachers in preparing suitable text material for introduction in their regular teaching programme. Part I provides resource information to help plan population education programme; Part II offers suggestions for integrating population education into school subjects and outline of content; and Part III includes suggestions for teaching of one selected topic. |
| Where appropriate, Geography. | Yes | Yes | India/ general | Separate sections (with separate bibliographies and lists of teaching aids) are provided on family life education and population education. A small section deals with a training programme for teachers, describes methodology and sets out a course outline for teachers in service. Vocabulary on human reproduction is given in English, Hindi, Marathi and Gujarati. |

| Author, title, etc. | Level of education | Content | Subjects into which integrated | Bibliogr. | List of teachin aids |
|---|---|---|---|---|---|
| India. Ministry of Education and Youth Services. Gandhigram Institute of Rural Health and Family Planning. A Brief report on curriculum development on population education in elementary, secondary and high schools prepared at the National Seminar on Population Education, 2-3 August, 1969. Bombay, the Institute[14], 1969. 10 p. | Standards I - XI | Biology, demography, hygiene, family (budgets, etc.), population growth, population and nutrition. | Languages, Maths., General Knowledge, General Science, History, Geography. | - | - |
| IPPF. Population education and the younger generation. London, IPPF, 1971. 85 p. charts, diagrs. | School education at all levels and out-of-school education | Demography, ecology, family planning, population growth and economic and social development. | Not specified but desirability of integration into appropriate existing curriculum subjects indicated. | - | Yes |

| Subjects into which integrated | Bibliogr. | List of teaching aids | Country | Remarks |
|---|---|---|---|---|
| Languages, Maths., General Knowledge, General Science, History, Geography. | - | - | India | |
| Not specified but desirability of integration into appropriate existing curriculum subjects indicated. | - | Yes | Afghanistan, Ceylon, India, and general | Report of educational course attended by officials from the Family Planning Associations of Afghanistan, Ceylon and India, and incorporating lectures on suggested topics for, and approaches to, population education. |

| Author, title, etc. | Level of education | Content | Subjects into which integrated | Bibliogr. | List of teaching aids |
|---|---|---|---|---|---|
| Jayasuriya, J.E. Some guidelines for training population educators. Bangkok, Unesco Regional Office, 1972. 10 p. mimeo. | Teacher training | Demography, ecology, population growth and health, population growth and nutrition, population growth and economic development, population and international relations. | - | - | - |
| Jayasuriya, J.E. Population education for teacher educators. An introductory course. Quezon City, Asian Institute for Teacher Educators, 1971. Var. pag. mimeo. | Teacher training | Demography, ecology, population growth and health, population growth and educational development, population growth and national policies in the Asian Region. | Art, Biology, Languages, Maths., Social Sciences, History, Geography, etc. | Yes | - |
| Kang, Joon Sange. School curriculum for family life education in middle and high school, interim report. 10 p. photocopy. | Middle and high school | Demography, sex education, family life. | Social Studies, Hygiene, Geography, Politics, Economics. | - | - |

| Subjects into which integrated | Bibliogr. | List of teaching aids | Country | Remarks |
|---|---|---|---|---|
| gy, a- - | - | - | General | |
| gy, a- op- al | Art, Biology, Languages, Maths., Social Sciences, History, Geography, etc. | Yes | - | Asia | Materials collected in this document are focused on the relationships between population growth and development. |
| | Social Studies, Hygiene, Geography, Politics, Economics. | - | - | Korea | Draft curriculum based on analysis of books published in Korea and abroad. |

| Author, title, etc. | Level of education | Content | Subjects into which integrated | Bibliogr. | List of teaching aids |
|---|---|---|---|---|---|
| Lee, Joon Suk. A Study on techniques and methods of audio-visual aids with special reference to the population education programme submitted to the Eighth Institute for Key Teacher Educators 6 July - 5 Oct. 1972. Quezon City, Asian Institute of Teacher Educators[8], 1972. 53 p. typescript, diagrs. | All levels | Family size, reproduction, population phenomena. | Social Studies, Humanities, Science. | Yes | - |
| Lukas, Henry. A Proposal for a population education program in Cambridge, prepared for the Seminar on Issues in Population Education, Cambridge, Mass., Center for Studies in Education and Development, Harvard Graduate School of Education, May 1972. /n.p., n.d./ (Obtainable from the West Communication Institute[6]). | 2nd year high school | Demography, population growth, over-population, population control. | Environmental Studies | Yes | - |

| Subjects into which integrated | Bibliogr. | List of teaching aids | Country | Remarks |
|---|---|---|---|---|
| Social Studies, Humanities, Science. | Yes | - | General | The study is rather concerned with methodology of teaching than actual content of teaching materials. Three approaches to population education are admitted and examined: "programme infusion"; "unit of study"; and "separate course". A schematic model of a population education curriculum design attempts to organize the chief points at which curriculum decisions are made on the emphasis of the use of audio-visual aids, the considerations which apply to each relationship which should exist among these points and the criteria. |
| Environmental Studies | Yes | - | US/ general | This paper presents proposed outline of a six-week unit on population to be included in a full year "Environmental Studies" course for high school sophomores. Results are set out of a survey of types of population education programmes being offered in Massachussetts (covering responses from 18 schools). Ideas and methods used in these programmes are included in the unit outline. |

| Author, title, etc. | Level of education | Content | Subjects into which integrated | Bibliogr. | List of teaching aids | Co |
|---|---|---|---|---|---|---|
| Malaysia. National Workshop on Population Education, Kuala Lumpur, 4-16 Oct. 1971. Laporan /Report of Workshop conducted by the Ministry of Education, Malaysia, with financial assistance from the Colombo Plan Bureau/. Kuala Lumpur, Ministry of Education, 1971. 199 p. tables, diagrs. | Primary, secondary and teacher training | Family life, reproduction, family size and the community, population growth and economic and social development, demography, population growth and quality of life issues. | Hygiene, Science, Maths., Geography, History, Civics, Home Science. | - | - | Mal |
| Malaysia. National Workshop on Population Education, Kuala Lumpur, 17-29 April 1972. Laporan /Report/. Kuala Lumpur, Dewan Bahasa dan Pustaka, 1972. 397 p. tables, maps, illus. mimeo. | Primary, secondary and teacher training | Population dynamics, fertility, mortality, migration; family formation and change; population planning and policy; problems caused by rapid population growth at community, national, regional and world levels; population growth and food supply; environmental studies. | Civics, History, Geography, Science, Home Economics, Health Education. | - | - | Mal |

| ubjects nto which ntegrated | Bibliogr. | List of teaching aids | Country | Remarks |
|---|---|---|---|---|
| Hygiene, Science, Maths., Geography, History, Civics, Home Science. | - | - | Malaysia | Report includes curriculum content for population education by levels of schooling, integration of population education into the existing school subject syllabi and 'support' materials for teaching of population education prepared during Workshop; discusses approaches and methods of presentation of materials for teacher training institutions, and formulates general recommendations. |
| Civics, History, Geography, Science, Home Economics, Health Education. | - | - | Malaysia | Report includes population education curriculum content by level of schooling, papers on infusion of population education materials into the curriculum by subject; methodology and approaches to population education; and describes preparation of audio-visual aids materials, use of mass media techniques and types of teaching aids. Participants, observers and project team members are listed, and final reports and recommendations of these teams are set out. |
| y, | | | | |

| Author, title, etc. | Level of education | Content | Subjects into which integrated | Bibliogr. | List of teaching aids | C |
|---|---|---|---|---|---|---|
| Mehrotra, S.N. Introducing population/ family planning content into the literacy curriculum. Paper presented at Asian Institute of Educational Planning and Administration, New Delhi, 18 Apr. to 1 May 1970. New Delhi, 1970. 5 p. photocopy. | Adult education, literacy | Family planning, human reproduction, child rearing, population dynamics, quality of life. | - | - | - | G |
| National Council of Educational Research and Training (NCERT). Plug points for population education in school curricula. New Delhi, NCERT[15], 1971. 18 p. | Primary and secondary | Biology, Ecology, Demography. | Social Sciences, Biological Sciences. | - | - | I |
| NCERT. Population education. A draft syllabus. New Delhi, NCERT[15], 1971. 42 p. | Classes I - IX | Biological factors, family life and population, ecological factors, health, population and food, population and development. | Social Studies, Civics, Economics, History, Geography, Biological Sciences, Maths., Languages. | - | General types of teaching aids suggested. | G |

| Subjects into which integrated | Bibliogr. | List of teaching aids | Country | Remarks |
|---|---|---|---|---|
| ng, d la- e. | - | - | - | General |
| Social Sciences, Biological Sciences. | - | - | India | Analysis of population education elements already in existing syllabi of different States and suggestions for incorporation of further population education material. |
| Social Studies, Civics, Economics, History, Geography, Biological Sciences, d, Maths., nguages. | - | General types of teaching aids suggested. | General | |

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| Author, title, etc. | Level of education | Content | Subjects into which integrated | Bibliogr. | List of teaching aids |
|---|---|---|---|---|---|
| Paik, Hyun-Ki. Introducing population education in the teacher education curriculum. Quezon City, Asian Institute for Teacher Educators[8], 1972. 5 p. | Teacher training | - | - | Yes | - |
| Paliwal, T.R. Curriculum contents for population education in schools and teacher training. /Paper presented at/ National Conference on Population Policy and Programmes, New Delhi, 16-23 December 1969. 8 p. photocopy | Primary, secondary and teacher training | Ideal family size, hygiene, demography, population growth and quality of life, population growth and economic and social development, methodology of teaching population education. | Languages, Social Studies, General Science, Maths., Physiology, Psychology, Economics. | - | - |
| Patel, Surabhi P., India. Development of a curriculum guide on population education for primary teacher education institutions in India, submitted to the Eighth Institute for Key Teacher Educators 6 July to 5 October 1972. Quezon City, Asian Institute for Teacher Educators[8], 1972. 121 p. appendix, typescript. | Classes I - VIII | Features and problems of population in India, basic demographic concepts, human reproductive process, population growth and food supply, population growth and education, population growth and development. | - | Yes | - |

| nt | Subjects into which integrated | Bibliogr. | List of teaching aids | Country | Remarks |
|---|---|---|---|---|---|
| | - | Yes | - | General | Deals with three approaches to introduction of population education into formal school curriculum: "Programme Infusion"; "Unit of Study"; and "Separate Content". |
| ily size, demo- opulation d quality population d economic l develop- nodology ng popula- ation. | Languages, Social Studies, General Science, Maths., Physio- logy, Psycho- logy, Economics. | - | - | General | |
| and pro- opula- dia, graphic human ve pro- lation food pulation education, growth and | - | Yes | - | India | Rationale for population education for primary school teachers, suggested content of this educa- tion and strategies to be used are set out. |

| Author, title, etc. | Level of education | Content | Subjects into which integrated | Bibliogr. | List of teaching aids |
|---|---|---|---|---|---|
| The Pathfinder Fund, New Delhi[16], Population education (curriculum unit) 12 lessons. 12 double p. photocopy. | - | Demography, hygiene, population and food, population growth and health, population growth and economic and social development. | - | - | Yes |
| The Pathfinder Fund, New Delhi[16]. Population education (curriculum unit) 25 lesson plans. photocopy. | - | India and her population, growth of population (India), national and economic resources (India), over-population (India), health facilities (India), world population problem, the family, family planning, equality of sex, women and education, population growth and economic development. | - | - | Yes |

| | Subjects into which integrated | Bibliogr. | List of teaching aids | Country | Remarks |
|---|---|---|---|---|---|
| hy-<br>la-<br>od,<br><br>health,<br>growth<br>c and<br>lopment. | - | - | Yes | India | |
| er po-<br>rowth<br>on<br>tional<br>c re-<br>dia),<br>tion<br>alth<br>(India),<br>ation<br>family,<br>ning,<br>sex,<br>ducation,<br>growth<br>c | - | - | Yes | India | |

| Author, title, etc. | Level of education | Content | Subjects into which integrated | Bibliogr. | List of teachin aids |
|---|---|---|---|---|---|
| Philippine Wesleyan College, Cabanatuan City. /Miscellaneous materials for population education at elementary level evolved from Seminar on Population Education 1970/. Manila, the College, 1970. Var. pag. mimeo. | Elementary | Family, health, community, human fertility, population and health, population and education. | Social Studies, Hygiene, Science. | - | - |
| Philippines. Department of Education. Population Education Program. Population education curriculum. General content outline in health education. /Manila, Dept. of Education, n.d./ 12 p. mimeo. | - | Demography | Health | - | - |
| Philippines. Department of Education. Population Education Program. Population education curriculum. General content outline. /Manila, Dept. of Education, n.d./ 6 p. mimeo. | - | Demography, Population growth and economic and social development. | - | - | - |

| Subjects into which integrated | Bibliogr. | List of teaching aids | Country | Remarks |
|---|---|---|---|---|
| Social Studies, Hygiene, Science. | - | - | Philippines | |
| Health | - | - | Philippines/ general | |
| - | - | - | Philippines/ general | |

| Author, title, etc. | Level of education | Content | Subjects into which integrated | Bibliogr. | List of teaching aids | C |
|---|---|---|---|---|---|---|
| Philippines. Department of Education. Population Education Program. Population education curriculum. General content outline in home economics. /Manila, Dept. of Education, n.d./ 12 p. mimeo. | - | Demography, family planning. | Home Economics | - | - | Ph |
| Philippines. Department of Education. Population Education Program. Population education program. General content outline in mathematics. /Manila, Department of Education, n.d./ 1p. mimeo. | - | Demography | Maths. | - | - | Ph |
| Philippines. Department of Education. Population Education Program. Population education program. General content outline in science. /Manila, Dept. of Education, n.d./ 4 p. mimeo. | - | Demography, sexuality, population growth and natural resources. | Science | - | - | Ph |

| Subjects into which integrated | Bibliogr. | List of teaching aids | Country | Remarks |
|---|---|---|---|---|
| Home Economics | - | - | Philippines/general | |
| Maths. | - | - | Philippines/general | |
| Science | - | - | Philippines/general | |

| Author, title, etc. | Level of education | Content | Subjects into which integrated | Bibliogr. | Lis tea a |
|---|---|---|---|---|---|
| Philippines. Department of Education. Population Education Program. Population education curriculum. General content outline in social studies. /Manila, Dept. of Education, n.d./ 20 p. | - | Demography | Social Studies | - | |
| Philippines. Second National Curriculum Development Workshop on Population Education. Health Education Group (sponsored by the Colombo Plan Bureau and the Bureau of Public Schools). Course guide in population education integrated in health. Manila, Bureau of Public Schools, 1971. Var. pag. | Grades I - VI and 1st - 4th year high school | Biology, demography, ecology, home and family life, responsible parenthood, population growth and nutrition | Health | Yes | |
| Philippines. Second National Curriculum Workshop on Population Education. Home Economics Group. Course guide on population education integrated in home economics. Manila, Bureau of Public Schools, 1971. pag. | Grades V, VI, and 1st - 4th year high school | Demography, the family, fertility, health, responsible parenthood, population growth and food supply, population growth and quality of life. | Home Economics | Yes | |

| | Subjects into which integrated | Bibliogr. | List of teaching aids | Country | Remarks |
|---|---|---|---|---|---|
| phy | Social Studies | - | - | Philippines/general | |
| demo- cology, family ponsible d, popu- owth and | Health | Yes | - | Philippines | |
| the rtility, spon- thood, growth pply, growth of | Home Economics | Yes | - | Philippines | |

| Author, title, etc. | Level of education | Content | Subjects into which integrated | Bibl |
|---|---|---|---|---|
| Philippines. Second National Curriculum Development Workshop on Population Education. Science Group. Course guide in population education integrated in science. Manila, Bureau of Public Schools, 1971. Var. pag. | Grades I - VI, 1st and 2nd year high school | Biology, demography, fertility, home and family life, ecological impact, population growth and nutrition, population growth and development. | Biology, Maths., General Science. | |
| Philippines. Second National Curriculum Development Workshop on Population Education. Social Studies Group. Course guide in population education integrated in Social Studies. Manila, Bureau of Public Schools, 1971. Var. pag. | Grades I - VI, 1st to 4th year high school. | Home and family life, fertility, ecological impact, population growth and economic and social development. | Social Studies | |
| Philippines. Second National Curriculum Development Workshop on Population Education. Resource units and scope and sequence in population education. (Demography). Manila, Bureau of Public Schools, 1971. Var. pag. | Secondary school | Home and family life, fertility, demography, ecology. | Social Studies, Science, Health and Home Economics. | |

| Content | Subjects into which integrated | Bibliogr. | List of teaching aids | Country | Remarks |
|---|---|---|---|---|---|
| y, demography, ity, home and life, eco- l impact, po- on growth and ion, population and development. | Biology, Maths., General Science. | Yes | - | Philippines | |
| nd family life, ity, ecological , population and economic cial development. | Social Studies | Yes | - | Philippines | |
| nd family life, ity, demography, . | Social Studies, Science, Health and Home Economics. | Yes | - | Philippines | Revised course guides being tried out for the second time in school year 1971-72. |

| Author, title, etc. | Level of education | Content | Subjects into which integrated | Bibliogr. | List teach aid |
|---|---|---|---|---|---|
| Philippines. Second National Curriculum Development Workshop on Population Education. Resource units and scope and sequence in population education. (Ecology). Manila, Bureau of Public Schools, 1971. Var. pag. | Grades I - VI and 1st - 4th year high school. | Demography, ecology, population growth and nutrition. | Social Studies, Home Economics, Science. | Yes | - |
| Philippines. Second National Curriculum Development Workshop on Population Education. Resource units and scope and sequence in population education (the family and family roles). Manila, Bureau of Public Schools, 1971. Var. pag. | Grades I - VI and 1st - 4th year high school | Home and family life, fertility, responsible parenthood, family roles in population education, population size and development. | Social Studies, Science, Health, Home Economics. | Yes | - |
| Philippines. Second National Curriculum Development Workshop on Population Education. Resource units and scope and sequence in population education (family planning). Manila, Bureau of Public Schools, 1971. Var. pag. | Grades I - VI and 1st - 4th year high school. | Family planning, family size and nutrition, fertility, demography, ecology, quality of life issues. | Social Studies, Science, Health, Home Economics. | Yes | - |

| | Subjects into which integrated | Bibliogr. | List of teaching aids | Country | Remarks |
|---|---|---|---|---|---|
| ,<br>o-<br>rowth<br>ion. | Social Studies, Home Economics, Science. | Yes | - | Philippines | Revised course guides being tried out for the second time in school year 1971-72. |
| amily<br>ility,<br>e<br>,<br>es in<br><br>size<br>pment. | Social Studies, Science, Health, Home Economics. | Yes | - | Philippines | Revised course guides being tried out for the second time in school year 1971-72. |
| nning,<br>e and<br><br><br>ality<br>ues. | Social Studies, Science, Health, Home Economics. | Yes | - | Philippines | Revised course guides being tried out for the second time in school year 1971-72. |

| Author, title, etc. | Level of education | Content | Subjects into which integrated | Bibliogr. | List of teaching aids |
|---|---|---|---|---|---|
| Philippines. Second National Curriculum Development Workshop on Population Education. Resource units and scope and sequence in population education (human sexuality). Manila, Bureau of Public Schools, 1971. Var. pag. | Grades I - VI and 1st - 4th year high school | Home and family life, fertility, health, responsible parenthood, demography, population growth and development. | Science, Health. | Yes | - |
| Regional College of Education, Bhopal. Handbook on population education for secondary school teachers prepared at a Workshop, Bhopal, 5-10 May 1970, in collaboration with Indian Association of Teacher Educators and All India Federation of Educational Associations. Bhopal, Regional College of Education, 1970. 50 + 6 + 11 p. typescript. | Teacher training | Demography, population growth and problems in India, health, population and food supply. | - | Yes | - |
| Santiago, Antonio P. and Concepcion E. Madayag, eds. A Course of study for family life education. Literacy Discussion 3(1): 120-142, March 1972. | Adult literacy, teacher training. | Family life planning and responsible citizenship, family size and quality of life issues, demography, population control and socio-economic development. | - | - | Yes |

| Subjects into which integrated | Bibliogr. | List of teaching aids | Country | Remarks |
|---|---|---|---|---|
| ly ty, n- ood, opu- and Science, Health. | Yes | - | Philippines | Revised course guides being tried out for second time in school year 1971-72. |
| owth in , d - | Yes | - | India | |
| f n t n - | - | Yes | Philippines | Methods used for training family life planning educators used in the Philippines are resumed in this document. The manual summarized encompasses a type of programme related directly to the resources and needs of the people concerned and aims at the creation of better living through emphasis on population education. |

| Author, title, etc. | Level of education | Content | Subjects into which integrated | Bibliogr. |
|---|---|---|---|---|
| Saxena, R.C. A Working paper on developing curriculum contents on population education at the secondary stage of education. New Delhi, Central Health Education Bureau, n.d. 6 p. mimeo. | Secondary | Demography, ecology, population growth and economic and social development. | Social Studies | - |
| Science Curriculum Improvement Study. Populations. Teacher's guide. Preliminary edition. Chicago, Rand McNally & Co., (c)1969. 88p. graphs, diagrs. illus. | Primary | Ecosystems(organisms, life cycles, populations), food relationships, the community, etc. | Science | - |
| Solis, Anne T. A Review of population education curricula and courses in Philippine schools. An excerpt from IMC-Unesco Project on Research Development of Materials and Training in Family Planning Communications first progress report, January-February 1972. p. 327-386. (Obtainable from East-West Communication Institute[6]). | Primary and secondary school and higher education. | Population dynamics, human reproduction, maternal and child health, population policies and programmes, family planning, ecology, economics (man's material welfare), etc. | Social Science, Health, General Science, Biology, Home Economics. | Yes |

| ontent | Subjects into which integrated | Bibliogr. | List of teaching aids | Country | Remarks |
|---|---|---|---|---|---|
| aphy, ecology, tion growth onomic and development. | Social Studies | - | - | India | Formulation of objectives of population education at secondary level and its integration in existing curriculum. |
| tems(organisms, ycles, popula-, food relation- the community, | Science | - | Yes | USA/ general | |
| tion dynamics, reproduction, al and child , population es and pro- s, family ng, ecology, ics (man's al welfare), | Social Science, Health, General Science, Biology, Home Economics. | Yes | - | Philippines | Appendices list curriculum units of population education material for various disciplines and levels setting out "objectives, generalizations, strategies. |

| Author, title, etc. | Level of education | Content | Subjects into which integrated | Bibliogr. |
|---|---|---|---|---|
| Soundararaj, Stella. Preparation of curriculum units in population education for the upper secondary schools in India. /Study/submitted to the Asian Institute for Teacher Educators /for/ Seventh Institute of Key Teacher Educators, 4 March - 28 May 1971. 81 p. | Secondary | Demography, population and health, population and food, population and economic development. | Proposed as a separate course. | Yes |
| Unesco Regional Office for Education in Asia. Population and family education. Draft sample instructional materials. Science/Maths. Bangkok, Unesco Regional Office, 1972. 55 p. | Secondary | Nutrition, fertility, reproductive system, ecology, elementary statistics. | Home Economics, Biology, Maths. | - |
| Unesco Regional Office for Education in Asia. Population and family education. Book II. Draft sample instructional materials. Social Studies. Bangkok, Unesco Regional Office, 1972. 73 p. | Primary | Family size and family welfare, population growth and health, population growth and quality of life, population growth and economic and social development. | Social Studies, Language, Art, Home-Making, Music. | Yes |

| ent | Subjects into which integrated | Bibliogr. | List of teaching aids | Country | Remarks |
|---|---|---|---|---|---|
| y, popu- d health, n and ulation mic nt. | Proposed as a separate course. | Yes | - | India | |
| re- e sys- ogy, s. | Home Economics, Biology, Maths. | - | - | Thailand, Central Java, Ceylon/general | Sample first-draft material produced by participants at Unesco Regional Workshop on Population and Family Education to serve as teacher's guide. |
| e opu- wth , life, growth ic and e t. | Social Studies, Language, Art, Home-Making, Music. | Yes | Types of teaching aids suggested | Ceylon, Malaysia, Afghanistan, Philippines, Indonesia/ general. | |

| Author, title, etc. | Level of education | Content | Subjects into which integrated | Bibliogr. |
|---|---|---|---|---|
| World Conference of Organizations of the Teaching Profession (WCOTP). New Delhi. Handbook. Population education for secondary teachers colleges in India. Morges, Switzerland, WCOTP, rev. 1st ed. 1972. 195 p. tables, charts, glossary, index. | Secondary school and teacher training | Demography, quality of life and national development, population and education, health education. | - | Yes Also contains list of Population Education programmes in India. |
| World Education Inc., New York. PRRM. Literacy and population/family planning education. A demonstration project of the Philippine Rural Reconstruction Movement. New York, World Education, Inc.[17], 1971. Var. pag. tables, illus. mimeo. | Out-of-school youth and young adult literacy | Family, society, health, nutrition, responsible parenthood. | Reading, Writing, Maths., Singing. | - |
| World Education Inc., New York. Thailand functional literacy and family life planning. A demonstration project of the Thailand Department of Elementary and Adult Education. New York, World Education, Inc.[17], 1971. 1 vol. Var. pag. illus. | Adult literacy | Family life, family welfare, earning a living, maternal and child health, nutrition, community education and civic responsibility. | - | - |

| Content | Subjects into which integrated | Bibliogr. | List of teaching aids | Country | Remarks |
|---|---|---|---|---|---|
| nography, quality life and national velopment, popula- on and education, lth education. | - | Yes Also contains list of Population Education programmes in India. | - | India | Handbook prepared in response to urgent need for instructional materials for introducing population education into formal school system and destined for teaching this subject especially in teachers colleges at secondary level in India. |
| ily, society, lth, nutrition, ponsible onthood. | Reading, Writing, Maths., Singing. | - | - | Philippines | This guide contains excerpts from teacher's manual and pupil's primer (legends of illustrations in Tagalog). |
| ily life, family fare, earning a ing, maternal child health, rition, community cation and civic ponsibility. | - | - | - | Thailand | This project report includes Draft of Curriculum in Functional Literacy, illustrated sample lesson cards (with explanations in English and short captions in Thai) and draft of teacher's manual to be used in the project. |

## Notes referring to Sources

1. Population Curriculum Study, University of Delaware, Newark, Delaware 19711, U
2. The Family Planning Association of Hong Kong, 152 Hennessy Road, Hong Kong.
3. IPPF, 18-20 Lower Regent Street, London W.1.
4. Research and Information Services for Education, 199 Allendale Road, King of P
5. The Chinese Center for International Training in Family Planning, P.O. Box 112
6. East-West Communication Institute, East-West Center, Honolulu, Hawaii 96822.
7. National Education Association of the U.S., 1201 Sixteenth Street, N.W., Washi
8. National Research and Development Centre for Teacher Education (formerly Asian University of the Philippines, Diliman, Quezon City D 505, Philippines.
9. The Population Education Center, Philippine Women's University, Taft Avenue, M
10. The American Universities Fieldstaff, Inc., 3 Lebanon Street, Hanover, New Ham
11. Foreningen for Familieplanlaegning, Aurehøjvej 4, DK-2900, Hellerup, Denmark.
12. Teachers College, Columbia University, 116th Street and Broadway, New York, N.
13. Family Planning Training and Research Centre (Government of India), 332 Sardar
14. Institute of Rural Health and Family Planning, Gandhigram, Madurai District (T
15. Publication Unit, NCERT, NIE Campus, Sri Aurobindo Marg, New Delhi 16, India.
16. The Pathfinder Fund, C-24 Green Park Extension, New Delhi 16, India.
17. World Education, Inc., 667 Madison Ave., New York, N.Y. 10021, U.S.A.

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